dreamio
All-in-One Projector
EH-DM3

EPSON
EXCEED YOUR VISION

Big screen entertainment with this all-in-one projector made for home

- Compact design
- Built-in DVD/DivX player and stereo speakers
- Wide choice of connection
- 2000lm Brightness

Home entertainment made easy

All-in-One Projector
EH-DM3

A portable projector that is affordable, easy to install and use

The compact EH-DM3 projector is versatile and user friendly. Packed with easy to use features, it is the perfect choice for spicing up your dream home entertainment experience. Great way to enjoy the big screen entertainment without a matching price tag or the hassle of hooking up to many different equipment.

Compact design with all-in-one features

Built-in DVD/DivX player and stereo speakers

Featuring a built-in DVD/DivX player and stereo speakers, you can enjoy images, movies and powerful sound without the need for external video devices and external speakers.

EH-DM3 - The one home entertainment projector with plentiful features for all occasions to watch movies, home videos, photo slide shows and gaming and to enjoy great moments with family and friends.

Game

Video Camera

USB

Slide show

DivX ULTRA · DVD VIDEO · DOLBY DIGITAL VIRTUAL SPEAKER PRO LOGIC II · dts Digital Surround

2000lm Brightness

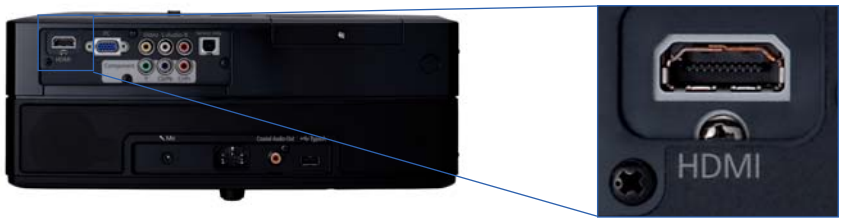
This projector offers brightness of 2000lm, projecting images that are clear, saturated with lifelike colour and detail.

Auto Iris Technology

The contrast ratio is dramatically improved by the Auto Iris Technology and which dynamically adjust images to reproduce fine details for your viewing pleasure!

HDMI Capability

The EH-DM3 projector comes with HDMI capability ensuring finer, more beautiful image and sound.



Quick and easy USB playback

EH-DM3 supports USB playback. Expand your options by accessing JPEG files, MP3 and WMA audio formats and DivX video files through your USB memory devices.

Portable

Weighing only 4.2kg, the Epson EH-DM3 is easy to move around, making it a perfect fit for all environment. With such mobility, this projector comes handy as a shared resource in school, or even office setting where the projector needs to be moved from one room to another.

School

Office

Fuss-free installation

Simply plug in and play! Installation is made easy without any complex or complicated steps. Power on/off with just a press of a button, and the EH-DM3 is ready for use by the whole family

Simply plug in the cable provided into the back of the projector unit and connect to a power socket.

Insert disk* into the slot at the front of the unit.

Press the PLAY button at the top of the unit.

There is nothing more to be done. Your projector is positioned for play!

Now sit back while the projector automatically adjusts the image to your screen, and conveniently control your presentation from your seat with the supplied easy-to-use remote control.

**Refer to specifications sheet for supported format.*

Epson Revolutionises Projector Market with the 3LCD Technology and Retains World No.1 Leadership* for 8 Consecutive Years!

*** (Based on independent research by FutureSource Consulting)**

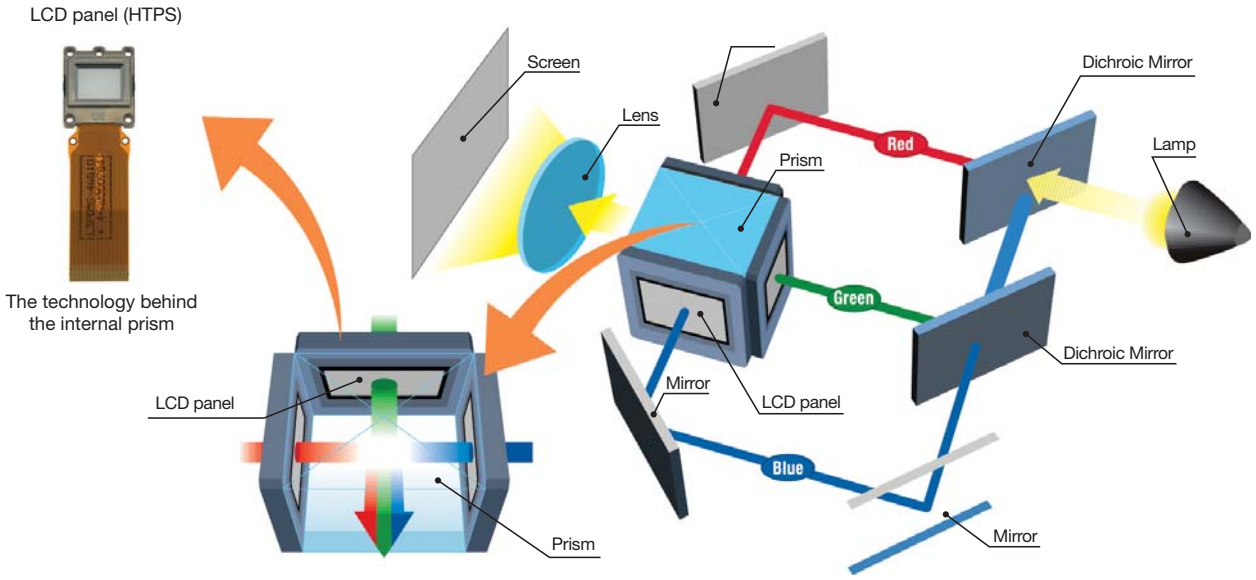
Advantages of 3LCD Projection System

Bright Images and Faithful Colour Reproduction

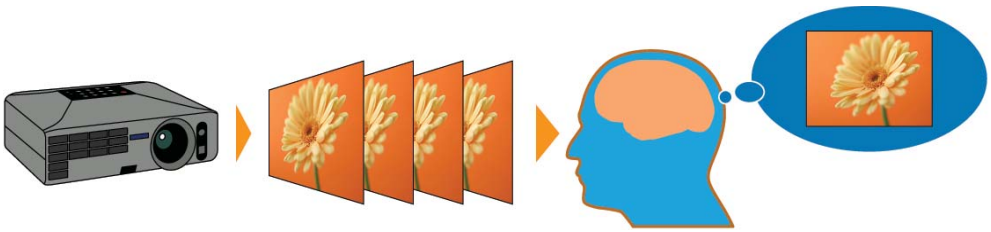
3LCD projectors offer all-time colour (Red, Green and Blue) projection thereby ensuring faithful full colour reproduction. This is suitable for projection of colour intensive images such as videos, photographs and colour charts.

Incredible Details

3LCD projectors are able to produce an unparalleled range of grayscale images thus delivering incredible colour images that is smooth and seamless.



3LCD projector : RGB are projected at the same time so that it is easy on the eyes.



*HTPS (High Temperature Poly-Silicon) is an active matrix transmissive LCD. It is extremely small and produces high quality images.

Gentle on the Eyes

3LCD projectors' images do not suffer from colour break-up (commonly known as rainbow effect). The projections are easy on the eyes as you will not be affected by any distorted pattern.

3LCD projectors use 3 separate LCD panels to form a continuous image containing all colours (red, blue and green) ensuing smooth video playback; even for rapid-motion images.

Reliable Technology

With more than 60 million 3LCD chips shipped to date, the powerful and road-tested 3LCD projection technology is extremely reliable and is trusted by many throughout to deliver sharp and true-to-life images.

Cited from 3LCD Business Centre Press Release: 3LCD Achieves Projection Industry Milestone: 60 Million Chips Shipped, 12 October 2009

SPECIFICATIONS

Weight - approx. 4.2kg

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EH-DM3

SUPPLIED ACCESSORIES
Power Cable
Remote Control
Battery
Soft Carrying Case
User's Manual Set

OPTIONAL ACCESSORIES		
ELPLP56	Spare Lamp	
ELPAF26	Air Filter Set	
ELPKC02	Computer Cable	HD15 / HD15, 1.8m
ELPKC09	Computer Cable	HD15 / HD15, 3.0m
ELPKC10	Computer Cable	HD15 / HD15, 20.0m
ELPKC19	Component Video Cable	HD15 / 3RCA (male), 3.0m
ELPKC22	HD-TV Cable	HD15 / D, 3.0 m

PROJECTION DISTANCE

4:3 Screen	Projection Distance (cm)	
	Minimum (Zoom Adjustment Wide)	Maximum (Zoom Adjustment Tele)
21"	75	103
30"	109	148
50"	184	249
60"	221	299
70"	258	349
80"	295	400
100"	370	500
150"	556	752

16:9 Screen	Projection Distance (cm)	
	Minimum (Zoom Adjustment Wide)	Maximum (Zoom Adjustment Tele)
30"	89	121
50"	149	203
60"	180	244
70"	210	285
80"	241	326
100"	302	408
150"	454	614

MODEL NUMBER			EH-DM3
PROJECTION SYSTEM			RGB liquid crystal shutter projection system
SPECIFICATION OF MAIN PARTS	LCD	SIZE	0.54-inch without MLA (D7)
		PIXEL NUMBER	518400 dots (960 x 540) x 3
		NATIVE RESOLUTION	540p
		ASPECT RATIO	16:9
	PROJECTION LENS	TYPE	Digital Zoom / Manual Focus
		F-NUMBER	1.44
		FOCAL LENGTH	16.6mm
		ZOOM RATIO	No Optical Zoom, Digital Zoom (1.0 - 1.35)
		LENS COVER	Slide lens shutter
	LAMP	TYPE	200W UHE (E-TORL)
		LIFE	Catalogue 4000 hours (Brightness Control: Normal) / 5000 hours (Brightness Control: Eco)
SCREEN SIZE (PROJECTED DISTANCE)			30" to 300" [0.89 to 9.10m]
OFFSET			10:0.13 (74:1)
LIGHT OUTPUT (BRIGHTNESS)			2000lm (Colour mode: Dynamic)
COLOUR LIGHT OUTPUT (COLOUR BRIGHTNESS)			2000lm (Colour mode: Dynamic)
CONTRAST			3000:1
INTERNAL SPEAKER	SOUND OUTPUT		Stereo 10W x 2
SOUND OUTPUT	DIGITAL		SPDIF (COAXIAL)
	ANALOG		Headphone
COLOUR MODE			Dynamic, Living Room, Theatre, Game, Auto
ADJUSTMENT FUNCTION	KEYSTONE CORRECTION	VERTICAL	PC -30 to +30 degrees
ANALOG RGB I/O (FOR PC)	DISPLAY PERFORMANCE	NATIVE	960 x 540 dots
	INPUT TERMINAL	VIDEO	D-sub 15pin x 1 Blue molding
HDMI (FOR DIGITAL I/O)	DISPLAY PERFORMANCE	NATIVE	720 x 480 dots (480p)
	INPUT SIGNAL	VERSION (CAPABILITIES)	Ver 1.3a (Specific features IS NOT supported)
		VIDEO STANDARD	480i / 576i / 480p / 576p / 720p / 1080i / 1080p
		VIDEO SIGNAL	TMDS (TMDS is signal for HDMI)
		AUDIO SIGNAL	Linear PCM
	INPUT TERMINAL		HDMI x 1
	HDCP		Yes
ANALOG VIDEO I/O	INPUT SIGNAL	VIDEO STANDARD	NTSC / NTSC4.43 / PAL / M-PAL / N-PAL / PAL60 / SECAM
		VIDEO SIGNAL	Composite Video / S-Video / Component Video / RGB Video
	INPUT TERMINAL	VIDEO	Composite Video: RCA (Yellow) x 1 Component Video: RCA RGB Video: D-sub 15pin Blue molding (in common with Analog RGB connector)
		AUDIO	2RCA x 1 (White/Red) (in common with Analog RGB Audio terminal)
AUDIO I/O			
ANALOG INPUT	FOR MICROPHONE	TERMINAL	Stereo mini jack (Plug in Power is N/A)
	FOR GENERAL PURPOSE	TERMINAL	2RCA x 1 (White/Red) (in common with Analog RGB Audio terminal)
ANALOG OUTPUT		TERMINAL	Stereo mini jack (3.5Φ) x 1
FOR HEADPHONE			
DVD UNIT	DISK FORMAT		DVD Video & DVD Audio, VCD, SVCD, AudioCD, MP3 (CD / DVD), WMA (CD / DVD), JPEG, DivX (CD / DVD), DivX Ultra (CD / DVD), Dual Disk DVD-R/RW, DVD+R/RW, CD-R/RW, DVD-VR (w/wo CPRM)
	SURROUND SOUND		Dolby Digital, DTS Digital Surround, MTK Surround
	DIGITAL AUDIO OUTPUT FORMAT		Dolby Digital, DTS, MP3, MPEG-2, LPCM
	FUNCTION		DVD Player, Playing from USB flash drive or USB memory card reader, etc
CONTROL I/O	USB I/O	I/O TERMINAL	Type B x 1 (for support only)
		I/O SPEED	USB Type B Ver 2.0
	USB I/O	I/O TERMINAL	Type A x 1 (for PhotoViewer)
		I/O SPEED	USB Type A Ver 1.1
POWER SUPPLY VOLTAGE			100 - 240 V AC +/- 10%, 50/60 Hz
POWER CONSUMPTION	100 - 120V AREA	LAMP ON (MODE: NORMAL)	310W
	(JAPAN, USA, ETC)	LAMP ON (MODE: ECO)	259W
		STANDBY	0.3W
	220 - 240V AREA	LAMP ON (MODE: NORMAL)	292W
	(EUROPE, ETC)	LAMP ON (MODE: ECO)	246W
		STANDBY	0.4W
DIMENSION	EXCLUDE FEET (D X W X H)		239 x 335 x 127mm
WEIGHT			Approx. 4.2kg
FAN NOISE			33dB

CONNECTOR PANEL

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